

AluCon®

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The HiPIMS coating material AluCon® guarantees optimum cutting results in non-ferrous metals, even at high operating temperatures.


AluCon® offers a unique combination of nanocrystalline, extremely dense coating material, which effectively prevents built-up edges, and HiPIMS technology for the smoothest coatings, maximum coating adhesion and a hardness of up to 5,000 HV_{0,05}.




Technische Daten

Coating unit	CC800®HiPIMS
Expansion Stage	AS3 AS3C AS3C2
Coating Technology	PVD HIPIMS
Layer composition	TiB2
Tool type	Indexable inserts
Tool material	Carbide
Material	Aluminum Titanium
machining application	Mill Drill Turn Stitching rub Thread
Color	Silver
Application temperature	1.100°C
Available layer thickness	2 µm
Targetkonfiguration	2*item 33788/4*item 34464

Experten kontaktieren

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Process Know-how made by CemeCon

You will not only receive the recipe for our coating, but also the complete know-how of the pre- and post-treatment, for the periphery supplied by us. A further component of our know-how package we supply you with the hardware specially adapted to the coating process, with our targets, foils and accessories as well as with the process updates to our recipes!

Stay on the ball!

[Here you can find our coating material flyer!](#)